



Author Index

Anghel, D.F. 89
Ardizzone, S. 45

Babačić, O. 261
Bakas, T.B. 191
Baran, A. 89
Benkreira, H. 37
Bergenstähl, B. 183
Buffe, J. 271, 279

Cattania, M.G. 45
Chiu, Y.C. 155
Cini, R. 251
Cohen Stuart, M.A. 235
Corak, M. 203

Davie, C.M. 37
Davis, H.T. 63
Degli Innocenti, N. 251
de la Maza, A. 79
de las Nieves, F.J. 55
Đerek, V. 261

Evers, O. 135

Fainerman, V.B. 213
Fäldt, P. 183
Farinha, J.P. 271, 279
Forssberg, E. 117

Galešić, M. 261
Geeraerts, G. 149
Gómez-Fernández, J.-C. 225

Hadicke, E. 135
Hadživanov, K. 9

Hall, D.G. 285
Heimer, S. 261
Ho, C.C. 17
Hrust, V. 261
Hrymak, A. 203
Hudson, M.J. 191
Hwang, H.J. 155

Iovescu, A. 89
Ivezic, Z. 261

Joos, P. 149, 213
Jurković, D. 261

Lagarde, P. 167
Lazzari, P. 45
Lee, G. 225
Lee, K.C. 17
Ley, G. 135
Lieckfeldt, R. 225
Liz Marzán, L. 95
Loglio, G. 251
Lugo, P. 45

Makievski, A.V. 213
Mandjukov, P. 9
Mansot, J.L. 167
McClements, D.J. 25
Mikhailik, O.M. 111
Mikhailova, S.S. 111
Miller, R. 251
Miller, W.G. 63
Mota, A.M. 271, 279

Nechifor, Gh. 1

Olteanu, M. 1
Pankratov, Yu.V. 111
Parra, J.L. 79
Pelton, R. 203
Petrakis, D.E. 191
Peula, J.M. 55
Philipse, A.P. 95
Pomonis, P.J. 191
Popescu, G. 1
Povstugar, V.I. 111
Pugh R.J. 117

Rupčić, S. 261

Saito, S. 89
Schröen, C.G.P.H. 235
Scriven, L.E. 63
Sdoukos, A.T. 191
Simões Gonçalves, M.L. 271, 279
Stortini, A. 251

Tesei, U. 251
Težak, Đ. 261

Van der Padt, A. 235
Van De Wiele, M. 203
Van't Riet, K. 235
Vasileva, E. 9
Villalaín, J. 225

Wang, Y. 117
Wéry, J. 167

Zelović, V. 261
Zhu, S. 63



Subject Index

A.c. voltammetry, 271, 279
Adhesion, 203
Adsorption, 9, 17, 37, 55, 213, 271, 279, 285
Aggregates, 37
Alkylbenzenesulfonates, 261
Anatase, 9

Block copolymers, 235
Bovine serum albumin, 55

Carboxyfluorescein release, 79
Catalysis, 95
Chromate ions, 9
Chromite, 117
CMC, 79
Colloidal platinum, 95
Colloidal stability, 55, 117
Contact angle, 1, 235
Copper phthalocyanines, 37
Core-shell, 135
Critical points, 89

Depletion, 25
Deposition, 203
Dichromate ions, 9
Diffusive surface relaxation, 251
Dispersion, 37
Distributed-systems theory, 251
Dynamic surface tension, 149

Electrochemical characterization, 45
Electrokinetic properties, 17
Electrolyte, 285
Emulsion, 25
End groups, 135
ESCA, 183

Fatty acids, 225
Finely dispersed iron powders, 111
Flocculation, 25
Food powder, 183
Fulvic acids, 279

Gaussian–Lorentzian profiles, 191
Glycine, 183

Haematite, 117
Heavy metal ions, 261
Hg electrode, 271, 279
Homogeneous non-ionic surfactants, 89

Imogolite, 95
Inorganic fibers, 95
Interaction, 89
Interfacial reactivity, 45
Ionic surfactant, 155, 285

Kinetics, 213

Lactose, 183
Lanthanum(III), 17
Latex–protein complex, 55
Lipid, 225
Liposome, permeability 79
Low energy surfaces, 63
Lyotropic liquid crystals, 261

Macromolecules, 271, 279
Magnetic coagulation, 117
Magnetic properties, 117
Mesoporous phosphates, 191
Methylvinylchlorosilane, 111
Micellar dissociation concentration, 155
Micellar solutions, 149
Microemulsion, 155
Milk proteins, 183
Modification, 111
Monomer–polymer particles, 135

Non-equilibrium surface thermodynamics, 251
Non-ionic surfactant, 25

Organometallic reverse micelles, 167
Particle size, 155
Partition coefficients, 79
Peroxide-modified anatase, 9
Poly(acrylic) acid, 89
Polydispersity, 135
Polyelectrolyte complex, 203
Poly(ethylene glycol), 271, 279
Poly(ethylene glycol) octylphenyl ethers, 213
Poly(ethylene oxide), 235
Polymer adsorption, 203
Polymer aggregates, 135
Polymorphism, 225
Poly(propylene oxide), 235
Polystyrene latex, 203
Polysulphone membranes, 1
Pore size distribution, 191
Porosity, 37

SEM, 183
Sea water, 261
SF theory, 235
Silicone surfactants, 63
Solubility product, 261
Solubilization, 155
Solution-air interface, 213
Solution chemistry, 17
Spray drying, 183
Spreading, 63

Statistical thermodynamics, 135
Stratum corneum, 225
Sulfonated polystyrene model, 55
Surface dilational modulus, 251
Surface structure, 111
Surfactant adsorption, 1
Surfactants, 1

Thorium(IV), 17
Tin tailings slurry, 17
Transmission electron microscopy, 167
Trapezoidal-pulse perturbation, 251
Triton X-100, 149
Turbidity, 155

Ultrafiltration, 1
Ultrafine, 117
Ultrasonic, 25
Unilamellar liposomes, 79
UV absorption, 155

Vitamin E, 155

Wettability, 235
Wetting, 63

X-ray absorption spectroscopy, 167
X-ray photoelectron spectroscopy, 45, 111

Zirconia, 45